Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. First & Fine

Division Dasarahalli — Sub-Division Bagalagunte — Date 20

Bill Received No ... Dated — Cash Book Voucher No ... dated

Scheduled Docket No

Name of Work (as per sanctioned estimate) **Improvements to Roads & drains at 18th Cross Muthulakshmi nagara in Bagalagunte Ward No 14**

Name of Contractor and Full Address **KRIDL, Project Implementation Unit, No.200, 50th cross, 17th C main road, 3rd Y Block, Rajajinagara, Bangalore-560010**

Reference to Agreement No. EE/DD/WO/ 76 /2017-18 — Date: 28.11.2017

Certified that the measurements were taken by me on ... and recorded at pages ... of measurement Book No ... and that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of Work

Certified that the measurements were taken by me on 1/12/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account
2) Deduct amount to be held in reserve being ... percent Rs
3) Deduct amount to be held in reserve being Balance
4) Deduct Payment
   a) Amount of previous payment as in the Office Cash Book Voucher No ... Dated ... S.D No ...
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ... date ... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Executive Engineer
EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs ... (in works)

By Cash and by adjustment of Payment as per memorandum

Witnesses :

1.

2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Dated ...

Signature of Contractor

Paid by me by cheque No ... Dated ...

Cash Rs ... Dated ...

Initials of Officer Making Payment Dated ...

Executive Engineer

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Sl	Description of Item	Unit	Previous Measurement			Present Measurement			Total Upto Date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
1	Excavation for road, drains and similar works KSRRB 300 1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications	Cum	-	-	-	802.40	86.92	69745.00	802.40	69745.00
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.37cum machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	-	-	-	43.20	5159.02	222870.00	43.20	222870.00
3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	-	-	-	960.00	310.58	298157.00	960.00	298157.00
4	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103 1999 Reaffirmed-2008 i) Upto 5 m height.	Cum	-	-	-	90.00	6965.26	626873.00	90.00	626873.00
5	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200	tonne	-	-	-	7.14	66482.14	474682.00	7.14	474682.00
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials	Sqm	-	-	-	216.00	1698	366768.00	216.00	366768.00
7	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers, with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of	Cum	-	-	-	187.50	1768.08	331515.00	187.50	331515.00
8	Construction of dry lean cement Concrete mix CC1:5:10 with OPC cement @160kgs, with 20mm and down size graded grnite metal coarse aggragate at 0.86cum and fine aggregates @ 0.58cum sub-base over a prepared sub-grade with (Coarse and fine aggregate conforming to IS:383) aggregate cement ratio not to exceed 15:1 Aggregat gradation after blending to be asper Table 600-1, cement content not to be less than 160kg/cum, optimum moisture content to be determined during trail length construction, concrete strength not to less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete s per specifications	Cum	-	-	-	187.50	3986.66	747499.00	187.50	747499.00

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Sl	Description of Item	Previous Measurement			Present Measurement			Total Upto Date	
		Unit	Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
9	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement thickness as per design over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates with superplastisuser @3lts confirming to IS9103:1999 Reaffirmed:2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grades as per drawing complete as per specifications M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum)	Cum	-	-	-	187.50	6217.96	1165868.00	187.50	1165868.00
10	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc. including cleaning of grove & providing sand and hot bitumen fillars and filler metal etc. including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specificatoons	Sqm	-	-	-	1250.00	95.4	119250.00	1250.00	119250.00
11	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc. including cleaning of grove & providing sand and hot bitumen fillars and filler metal etc. including cost of conveyance of all amterials, labour, lead and lift charges and all other incidental charges as per drawing and as per specificatoons	Mtr	-	-	-	85.00	121.9	10362.00	85.00	10362.00
12	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	-	-	-	802.40	85.65	68724.00	802.40	68724.00
								4502313.00		4502313.00

Certificate:

1. This is certify that the Contractor has completed the work satisfactory.
2. The Contractor has cleared the debris from the work spot.
3. The contractor has used his own vehicles for the conveying the debris.
4. There are no departmental issues for the above work.

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